

Figure 1 is a line graph showing the Signal Response Amplitude (v) on the Y-axis versus Cable Length (meters) on the X-axis. The Y-axis ranges from -0.04 to 0.04 with major ticks every 0.01. The X-axis ranges from 0 to 200 with major ticks every 20. The graph displays a complex waveform with several peaks and troughs. A rectangular box highlights a section of the waveform between approximately 105 and 150 meters. Four numbered labels (1, 2, 3, 4) point to specific features of the waveform: 1 points to the initial sharp peak, 2 points to a peak around 45 meters, 3 points to a peak around 125 meters, and 4 points to a peak around 175 meters.

FIG. 1

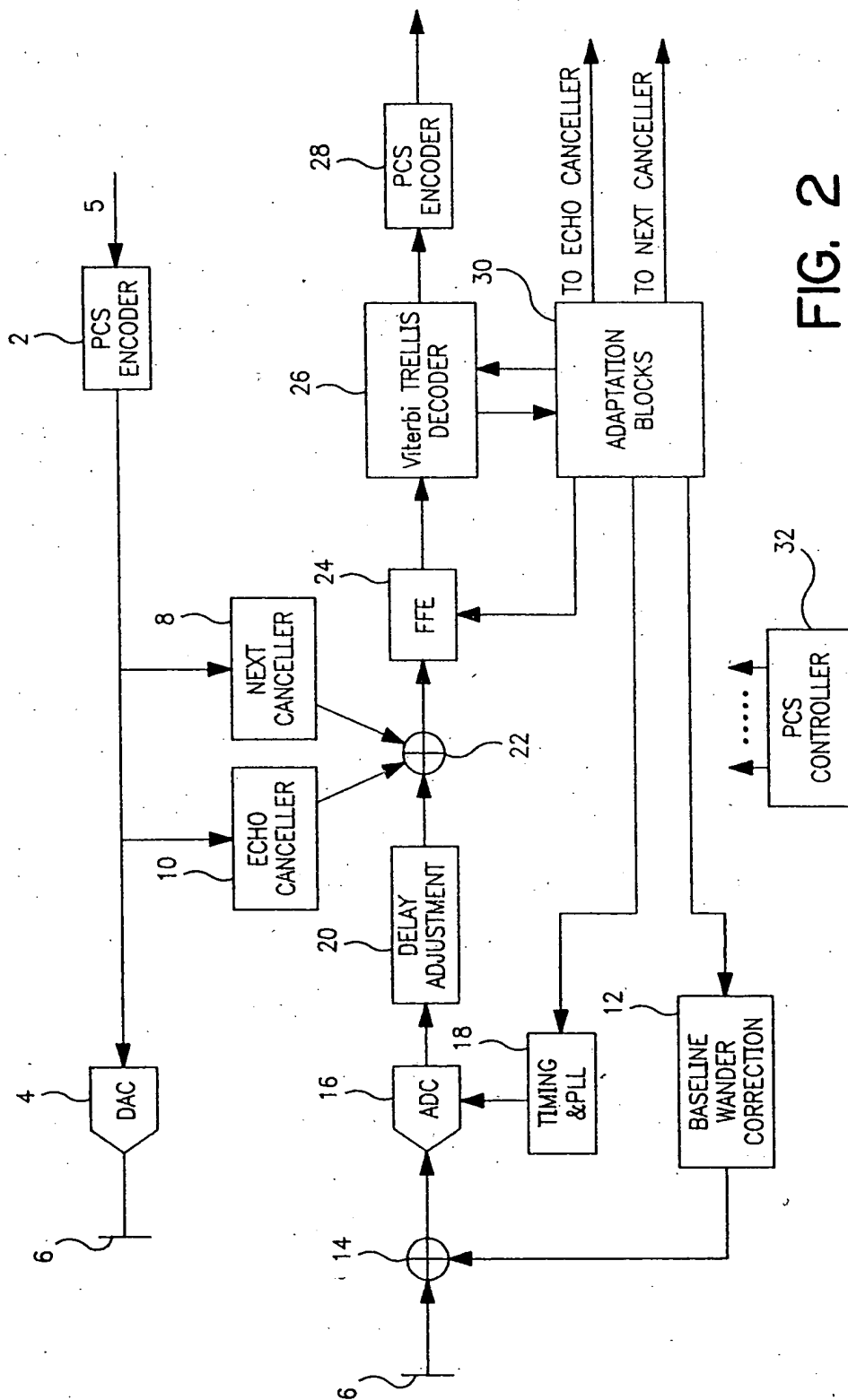


FIG. 2

FIG. 3

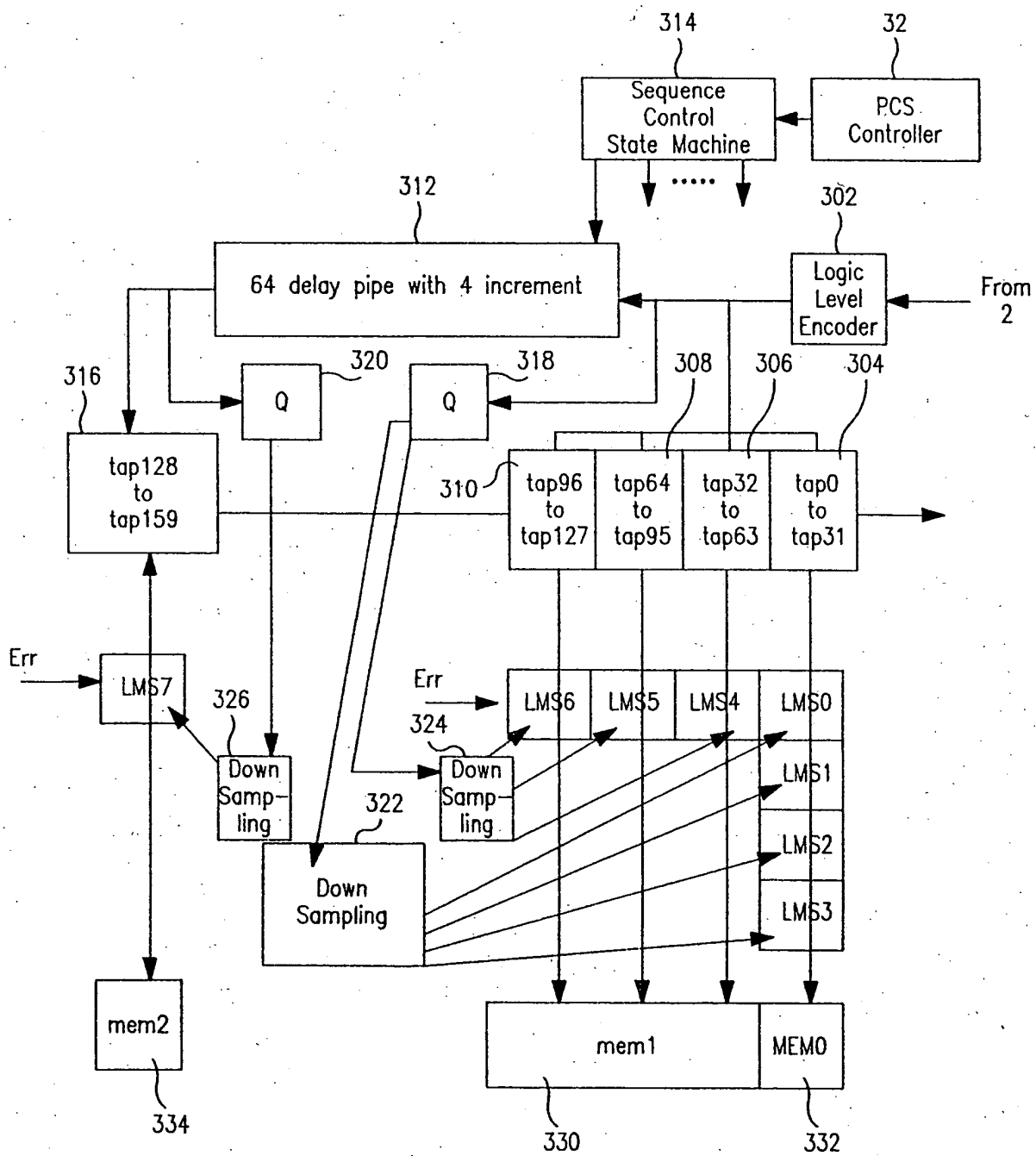


FIG. 3

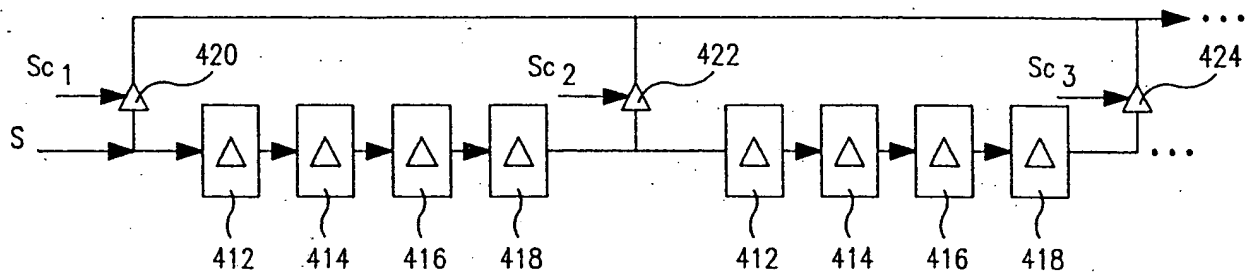


FIG. 4

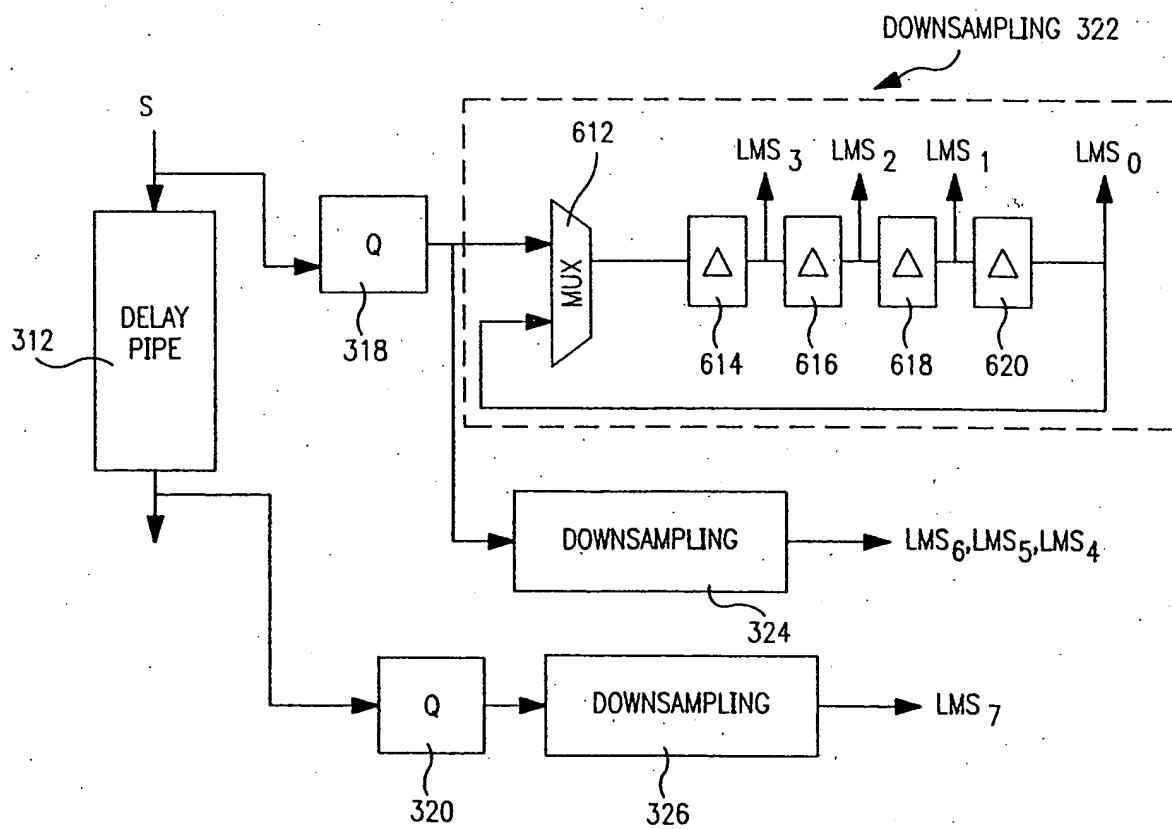
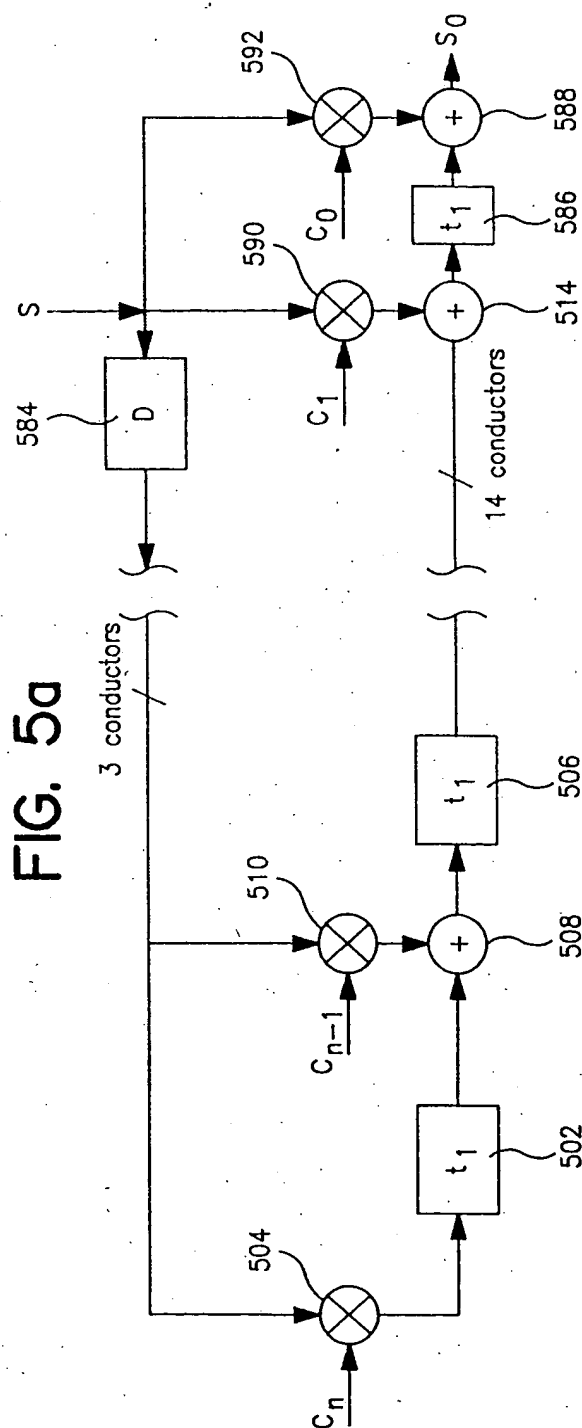
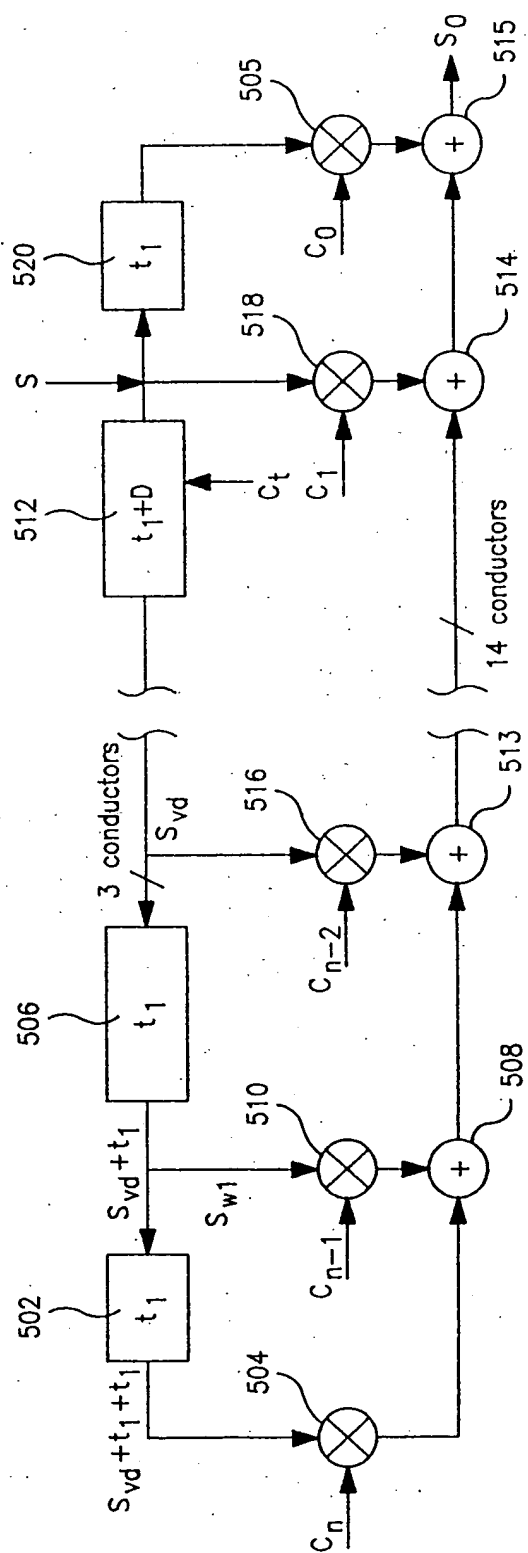


FIG. 6



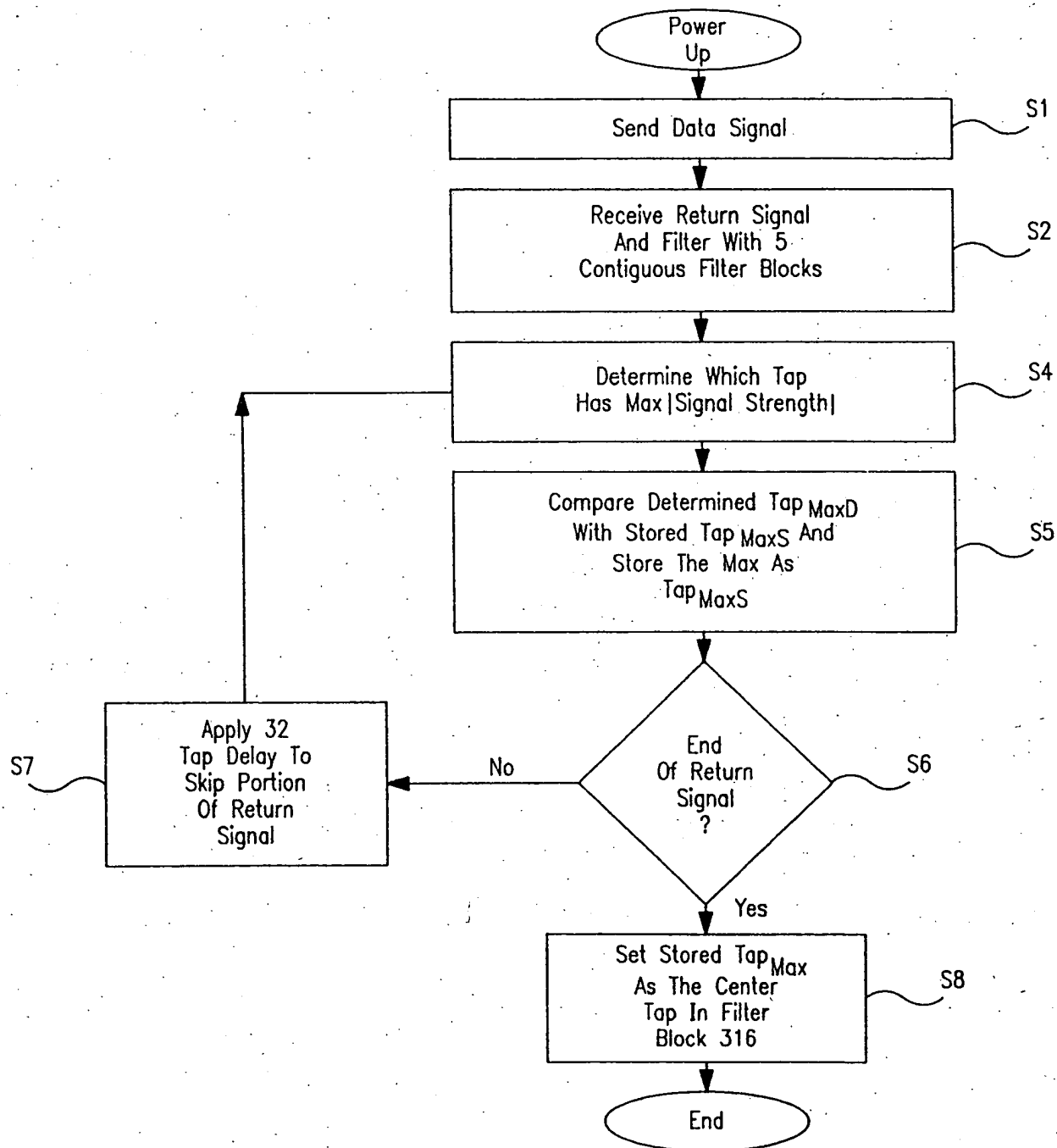


FIG. 7

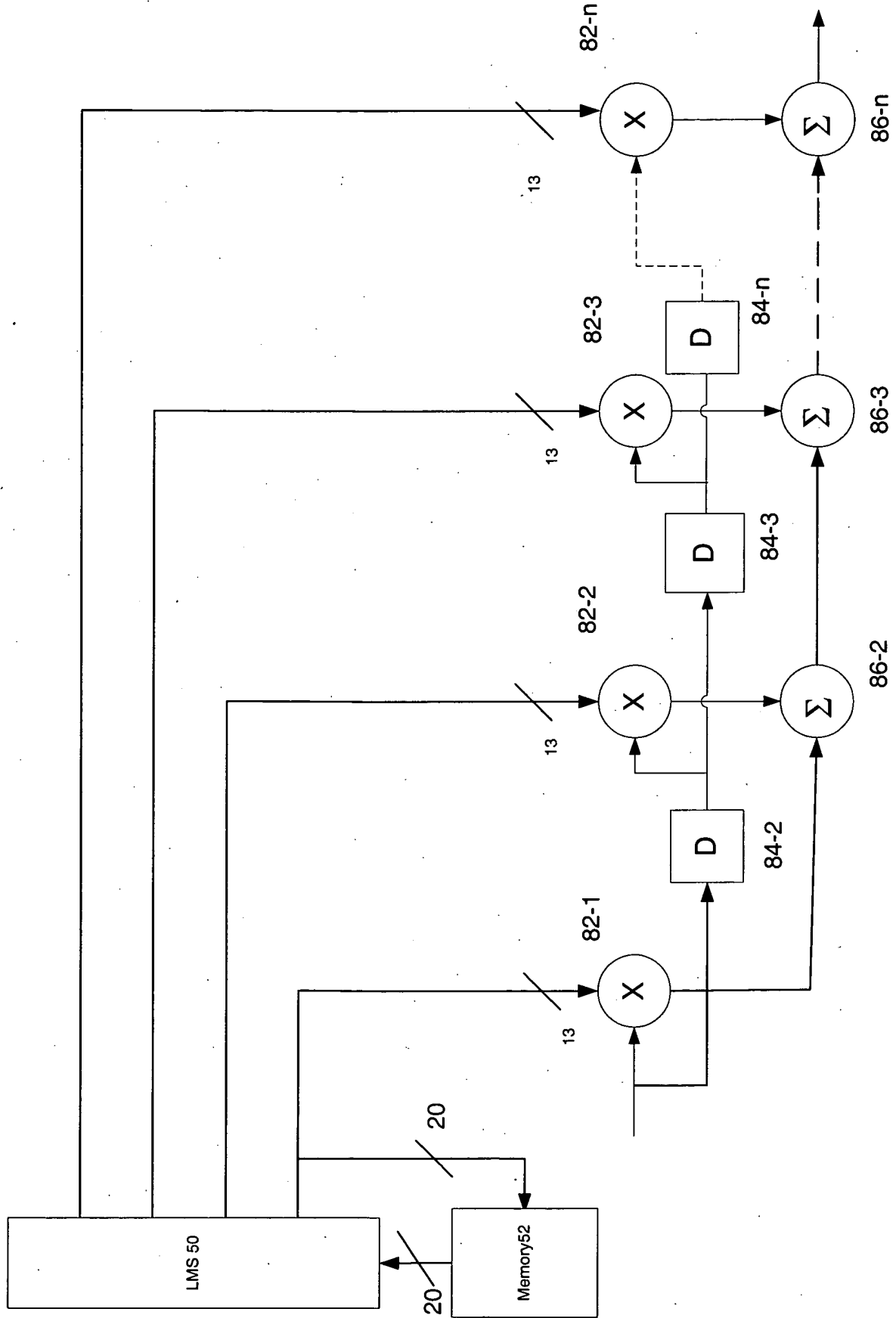


Fig. 8

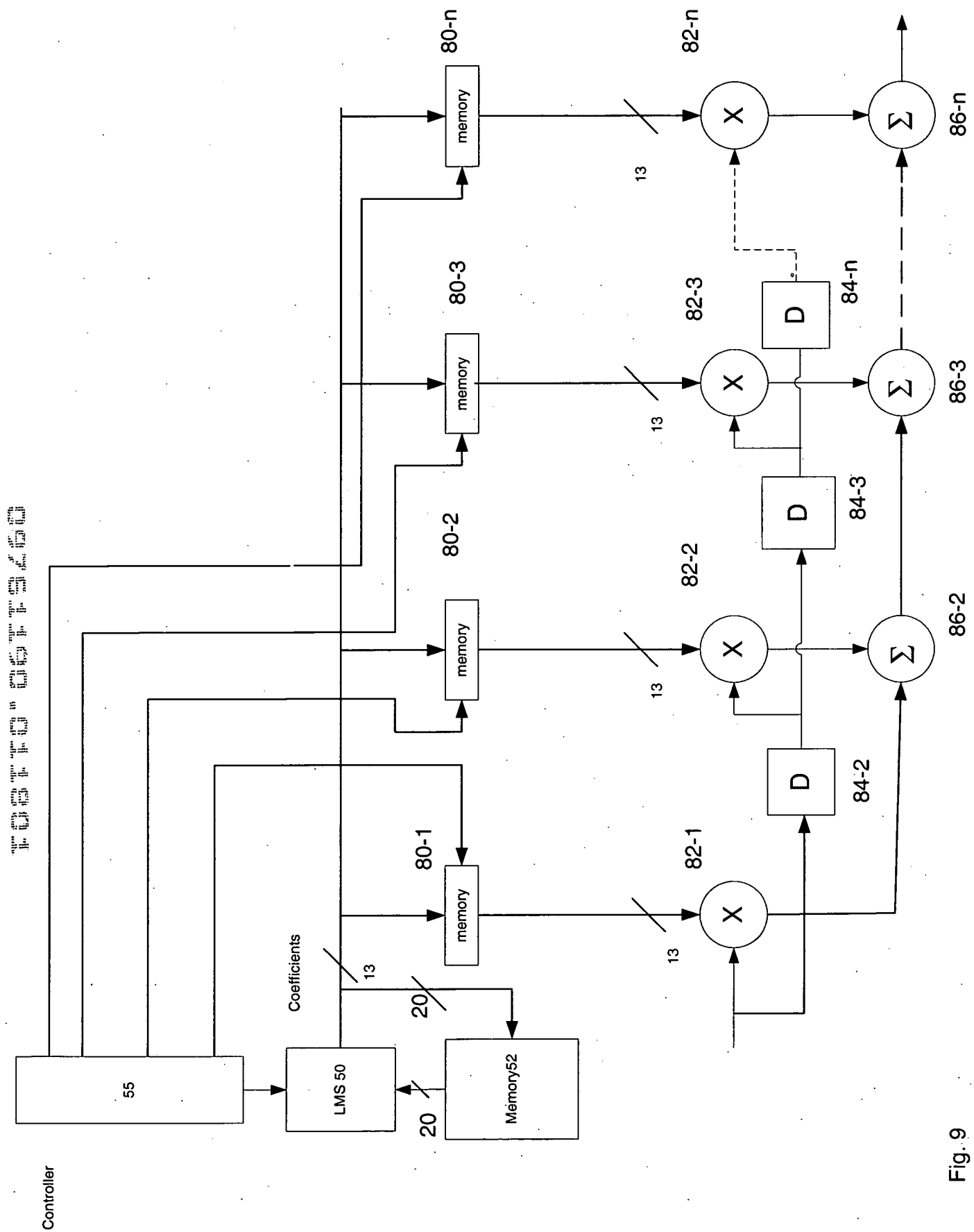


Fig. 9



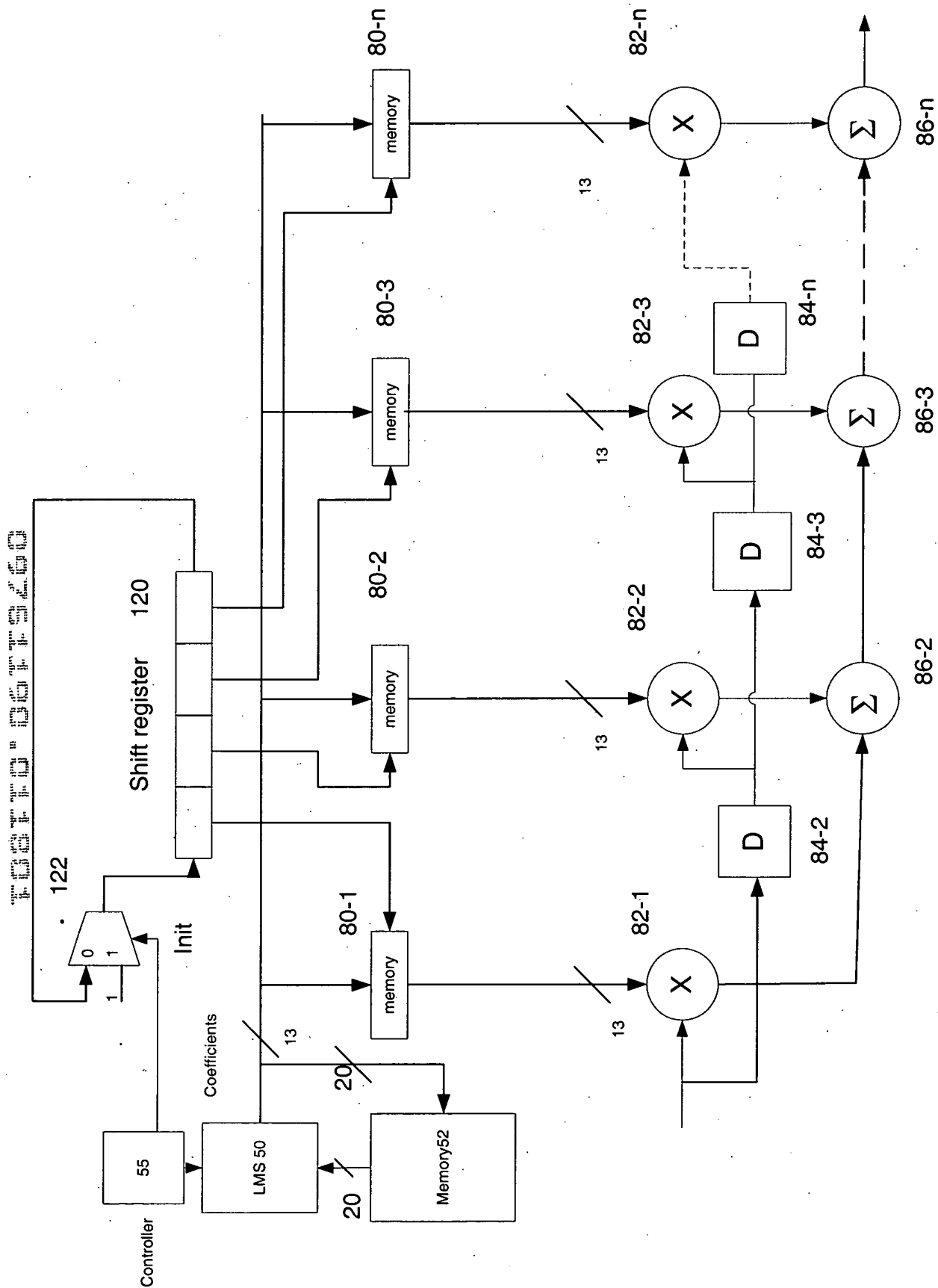


Fig. 10

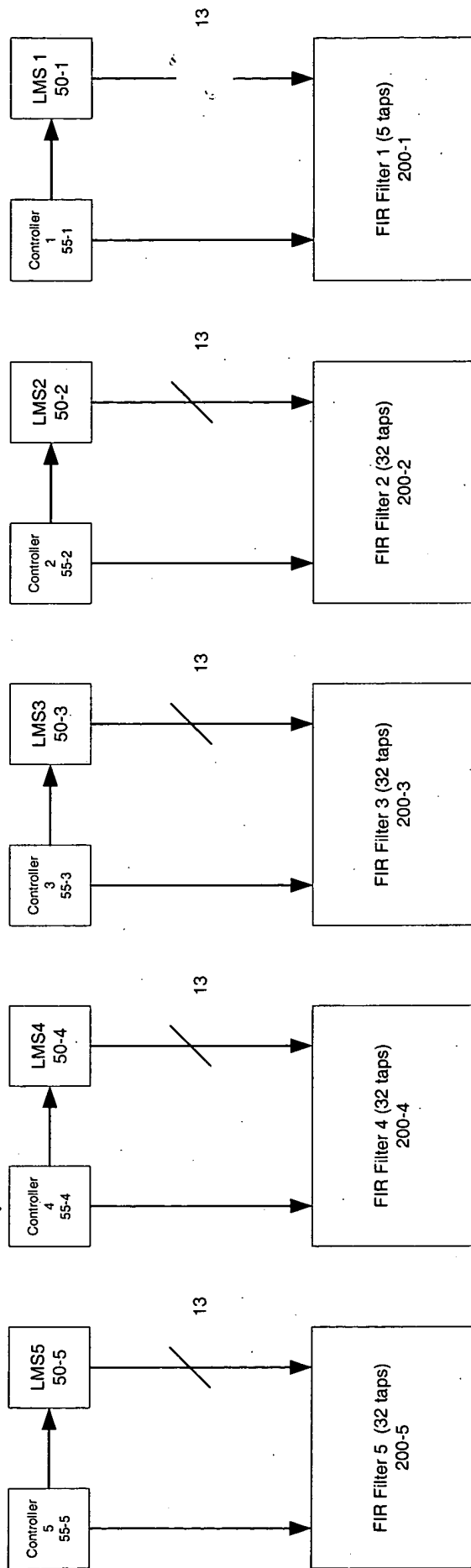


Fig  
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